

DA V001-082 (IP-889-2003)

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PATENT OCT 16 2007

## UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/798,286  
Applicant : Kenneth E. Davis et al.  
Filed : March 12, 2004  
Art Unit : 3744  
Examiner : Gene Louis Bankhead  
Docket No. : DA V001-082 (IP-889-2003)

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DECLARATION UNDER RULE 131

Commissioner for Patents  
Mail Stop Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We, KENNETH E. DAVIS, ALVIN V. MILLER, JOSEPH H. RYNER, KYLE B. VANMETER, and ROBERT L. WETEKAMP, hereby declare the following:

1. Before March 12, 2003, we conceived in the United States of the VARIABLE SPEED REFRIGERATION SYSTEM described in our patent application, U.S. Serial No. 10/798,286, filed on March 12, 2004, claiming the benefit of Provisional Application No. 60/454,526 filed on March 14, 2003;
2. From a time before March 12, 2003, we exercised due diligence until constructive reduction of practice of our invention on the filing date of the Provisional Application on March 14, 2003; and

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PAGE 02  
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3. Any and all copies attached hereto are genuine copies of original papers illustrating the aforementioned conception of our invention prior to March 12, 2003 and diligence from a date before March 12, 2003 until our constructive reduction to practice on the filing date of the Provisional Application on March 14, 2003. The dates blacked out in the attached genuine copies of the original pages of the supporting documents are all prior to March 12, 2003.

We hereby declare that all statements made herein of our own knowledge are true, and that all statements made on the information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful and false statements may jeopardize the validity of the application, and any patent issuing thereon, or any patent to which this verified statement is directed.

  
KENNETH E. DAVIS Date 2 Jul 07

ALVIN V. MILLER Date

JOSPEH H. KYNER Date

KYLE B. VANMETER Date

ROBERT L. WETEKAMP Date

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**PATENT**

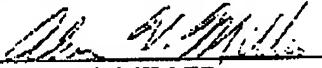
3. Any and all copies attached hereto are genuine copies of original papers illustrating the forementioned conception of our invention prior to March 12, 2003 and diligence from a date before March 12, 2003 until our constructive reduction to practice on the filing date of the Provisional Application on March 14, 2003. The dates blacked out in the attached genuine copies of the original pages of the supporting documents are all prior to March 12, 2003.

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KENNETH E. DAVIS

Date



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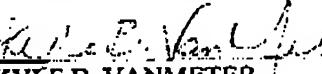
ALVIN V. MILLER

Date

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JOSPEH H. RYNER

Date



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KYLE B. VANMETER

Date

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ROBERT L. WETEKAMP

Date

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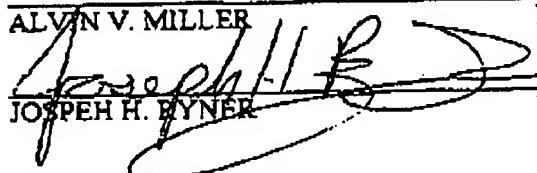
KENNETH E. DAVIS

Date

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ALVIN V. MILLER

Date



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JOSEPH H. RYNER

7/10/2007

Date

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KYLE B. VANMETER

Date

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ROBERT L. WETEKAMP

Date

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KENNETH E. DAVIS Date

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ALVIN V. MILLER Date

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JOSPEH H. RYNER Date

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KYLE B. VANMETER Date

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ROBERT L. WETEKAMP Date

PLEASE COMPLETE IN INK (NOT FELT TIP PEN) AND FORWARD TO THE PATENT ADMINISTRATOR

DISCLOSURE OF IDEA

**MAYTAG**

ORIGINATED AT Calif. Sales  
DISCLOSURE NO. 14-83-19

1. **TITLE OF IDEA** Variable Speed Refrigeration System

2. **NAME(S) OF PERSON(S) MAKING DISCLOSURE** (Printed or typed)

Kyle B. Van Meter

3. **DATE OF CONCEPTION OF IDEA** (Identify and attach any supporting documents.)

4. **OBJECT AND DESCRIPTION OF IDEA** (Identify and attach any additional information which may be helpful in understanding and evaluating the idea including any earlier written description.)

Refrigeration System comprising, FREEZER FAN &  
FRESH FAN Air Stirring and ARE ALL VARIABLE SPEED.  
The system is DESIGNED SUCH THAT THE ELECTRONIC CONTROL  
can run the system at maximum speed for large cooling  
requirements and medium to minimum speeds for  
lesser cooling requirements. This is of great benefit to  
the consumer by reducing energy consumption, overall  
noise output levels and reducing compartment thermal  
stratification.

5. **DRAWING OR DIAGRAM** (Identify and attach any prior drawings including the earliest drawing or sketch.)

Cooling REQUIREMENT	INITIAL PULLDOWN AFTER DEFROST LOADING COMPARTMENT WITH FOOD
MAXIMUM	50% MULTIPLE DOOR OPENINGS
MAXIMUM	70% MAXIMUM SOUND LEVEL
MEDIUM	15% MEDIUM DOOR OPENINGS SUMMERTIME AMBIENT CONDITIONS
MEDIUM	15% MEDIUM SOUND OUTPUT LEVELS SPRING/FALL/WINTER AMBIENT CONDITIONS
MINIMUM	10% FEW DOOR OPENINGS MINIMUM SOUND OUTPUT LEVELS

6. **PRIOR ART** (Identify any products, patents and publications of which you are aware that are related to the idea and prior to your conception.)

None

7. **USE OF IDEA** (Identify product and/or development project to which the idea relates.)

ALASKA BUILT-IN

8. **DISCLOSURE TO OTHERS** (Identify any disclosure of the idea to the public or to personnel outside of Maytag Corporation.)

None

9. **PRODUCTION USE** (Provide date of production or release for production of product including the idea, if any.)

10. **WITNESSES** (Persons to whom the idea has been disclosed, who understand it, and have read the disclosure.)

EXPLAINED TO AND UNDERSTOOD BY ME:

<u>Larry Nietz</u>	<u>Joe G. Avera</u>
Name of Witness (Printed or Typed)	Date of First Disclosure
	Date of Signature
	Signature of Witness

11. **SIGNATURE(S) OF PERSON(S) MAKING DISCLOSURE**  
I (we) hereby agree that the above-disclosed invention was conceived by me (us) and that it is assignable to Maytag Corporation.

Kyle B. Van Houten

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date of Signature

Noted by Vice President, R & D \_\_\_\_\_

**PLEASE COMPLETE IN INK AND FORWARD TO THE PATENT ADMINISTRATOR**